


ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	PATTEN GENERATING SYSTEMS						
Application Number:		10/708778					
Confirmation Number:		2777					
First Named Applicant:		Baokang Bi					
Attorney Docket Number:							
Search string:		(6552779 or 6544698 or 6498685 or 6335783 or 6177980 or 6133986 or 6014203 or 5982553 or 5969362 or 5900637 or 5841579 or 5629801 or 5459610 or 5360973 or 5311360 or 4571603 or 20020071172 or 20030123040 or 20030122091),pn.					
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	6552779	2003-04-22	Wenhui Mei		355	71
<input type="checkbox"/>	2	6544698	2003-04-08	David P. Fries		355	53
<input type="checkbox"/>	3	6498685	2002-12-24	Kenneth Johnson		359	621
<input type="checkbox"/>	4	6335783	2002-01-01	Pieter Kruit		355	67
<input type="checkbox"/>	5	6177980	2001-01-23	Kenneth Johnson		355	67
<input type="checkbox"/>	6	6133986	2000-10-17	Kenneth Johnson		355	67
<input type="checkbox"/>	7	6014203	2000-01-11	Tihiro Ohkawa		355	68
<input type="checkbox"/>	8	5982553	1999-11-09	Bloom et al.		359	627
<input type="checkbox"/>	9	5969362	1999-10-19	Shintaro Kawata, et al.		250	398
<input type="checkbox"/>	10	5900637	1999-05-04	H. Smith		250	492.22
<input type="checkbox"/>	11	5841579	1998-11-24	David Bloom, et al.		359	572
<input type="checkbox"/>	12	5629801	1997-05-13	Bryan Staker, et al.		359	572
<input type="checkbox"/>	13	5459610	1995-10-17	David Bloom, et al.		359	572
<input type="checkbox"/>	14	5360973	1994-11-01	George W. Webb		250	370.01
<input checked="" type="checkbox"/>	15	5311360	1994-05-10	David Bloom, et al.		359	572
<input checked="" type="checkbox"/>	16	4571603	1986-02-18	Larry Hornbeck, et al.		347	239

Out of order 10/27/05

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
D.R	1	20020071172	2002-06-13	Toshio Naiki		359	305
D.R	2	20030123040	2003-07-03	Gilad Almogy		355	69
D.R	3	20030122091	2003-07-03	Gilad Almogy		250	492.24

Remarks

Note: Remarks are not for responding to an office action.

The non-US patent literature section of this IDS is being deposited with the United States Postal Service as Express Mail in an envelop addressed to: "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on the same day as the date of this electronic filing of the IDS for US Patent Citations and US Published Application Citations.

Signature

Examiner Name	Date
<i>Buttfield</i>	10/27/05

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

For the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	4
-------	---	----	---

Complete if Known

Application Number	10/708778
Filing Date	2004 March 24
First Named Inventor	Baokang Bi
Art Unit	2851
Examiner Name	Rutledge
Attorney Docket Number	

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)			
DR.		WO 98/48443	10-29-1998	John Wiesner	
DR.		WO 03/079116	09-25-2003	Pieter Kruit	

Examiner Signature	<i>D. J. ...</i>	Date Considered	10/23/85
-----------------------	------------------	--------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/708778
		Filing Date	2004 March 24
		First Named Inventor	Baokang Bi
		Art Unit	2851
		Examiner Name	Rutledge
Sheet 2	of 4	Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
D.R.		Arnaud Bertsch, et al., "Rapid Prototyping of small size objects", Rapid Prototyping Journal, Vol.6, p259, 2000.	
		http://www.micronic.se/site_eng/product/multiexposure.shtml , Publication date on website is unknown.	
		H. J. Tiziani, et al., "Theoretical Analysis of Confocal Microscopy with Microlenses", Applied Optics, Vol. 35, p120, 1996.	
		Emily A. Gibson, et al, "High-Order Harmonic Generation up to 250 eV from Highly Ionized Argon", Physical Review Letters, vol.92, 033001-3, 2004.	
		C. keyser, et al., "Studies of high-repetition-rate laser plasma EUV sources from droplet targets", Applied Physics A, Vol. 77, p217, 2003.	
		E. Kaneko, "Liquid Crystal TV Displays", KTK Scientific Publishers, Boston, 1987, Chapter 8.	
		H. J. Tiziani, et al., "Three-Dimensional Analysis by a Microlens-Array Confocal Arrangement", Applied Optics, Vol. 33, p567, 1994.	
		Neha Choksi, et al., "Maskless extreme ultraviolet lithography", J. Vac. Sci. Technol. B 17, p3047, 1999.	
		http://pguerit.sri.com/SriWeb/current/DPS.html , "Direct photo shaping", Publication date on website is unknown.	
D.R.		Srinivas Bollepalli, et al., "Image formation in extreme ultraviolet lithography and numerical aperture effects", J. Vac. Sci. Technol. B(17), p2992, 1999.	

Examiner Signature	<i>Rutledge</i>	Date Considered	10/27/05
--------------------	-----------------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/708778
Filing Date	2004 March 24
First Named Inventor	Baokang Bi
Art Unit	2851
Examiner Name	Rutledge
Attorney Docket Number	

Sheet 3 of 4

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
D.R.		Ihsan Djomehri, et al., "Zone-plate-array lithography in the deep ultraviolet", J. Vac. Sci. Technol. B(16), p3426, 1998.	
		J. W. Gardner, "Microsensors, MEMS, and Smart Devices", John Wiley & Sons, Ltd., New York, 2001, Chapter 7.	
		Dario Gil, et al., "Parallel maskless optical lithography for prototyping, low-volume production, and research", J. Vac. Sci. Technol. B(20), p2597, 2002.	
		Paul Allen, "DUV Laser Scanning for Mask Pattern Generation at the 130 and 100 Nanometer Nodes", http://www.appliedmaterials.com/products/mask_tech_archives.html , March, 2002.	
		http://www.mapperlithography.com/principle/principle.htm , "MAPPER Technology", Publication date is unknown.	
		Hans Coufal, et al., "Optical data storage", International Trends in Optics, p609(2002), Published by SPIE--The International Society for Optical Engineering.	
		John E. Bjorkholm, "EUV Lithography -The Successor to Optical Lithography?", Intel Technology Journal, Q3 '98.	
		J. Paufler, et al., "High-throughput optical direct write lithography", Solid State Technology, p175, June, 1997.	
		Eiichi Tamaki, "Computer-to-plate printing using the Grating Light Valve(TM) device", Proceedings of SPIE, Vol. 5348, p89, 2004.	
D.R.		Stephen D. Senturia, "Microsystem Design", Kluwer Academic Publishers, Boston, 2000, Chapter 20.	

Examiner Signature	<i>[Signature]</i>	Date Considered	10/27/05
--------------------	--------------------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/708778
Filing Date	2004 March 24
First Named Inventor	Baokang Bi
Art Unit	2851
Examiner Name	Rutledge
Attorney Docket Number	

Sheet 4 of 4

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
D.R.		Jahja I. Trisnadi, et al., "Overview and applications of Grating Light Valve (TM) based optical write engines for high-speed digital imaging", Proceedings of SPIE, Vol. 5348, p52, 2004	
D.R.		R. W. Corrigan, et al., "Grating Light Valve (TM) Technology for Projection Displays", International Display Workshop, Kobe, Japan, December 1998.	
D.R.		L. Hornbeck, "Digital Light Processing (TM) for High -Brightness, High-Resolution Applications", Proceedings of SPIE, Vol.3013, p27, 1987.	

Examiner Signature	<i>Rutledge</i>	Date Considered	10/27/05
--------------------	-----------------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.